

## A new interface between VBFNLO and Herwig for triboson processes.

### Abstract

An interface between the parton level Monte Carlo VBFNLO and the Monte Carlo event generator Herwig 7 has been implemented for tri-boson production at the LHC. Triboson processes allow us to test triple and quartic gauge couplings at LHC and are background to many BSM searches. This interface will allow us to study parton shower and hadronization effects at NLO QCD, including anomalous couplings. Thus providing to the experimental community an important tool to search for new physics.

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